



ENERGY ASSURANCE DAILY

Tuesday Evening, January 22, 2008

Electricity

Hackers Cut Power Grid via Internet in Cities Outside United States – CIA

Speaking at a security industry conference, a CIA analyst has disclosed that there have been several successful attacks on utility computer systems followed by extortion demands. While no details as to timing or location were disclosed, in at least one instance, the intrusion led to power outages that affected a number of cities.

<http://www.pcworld.com/article/id,141564-c,hackers/article.html>

FPL Idles 1,244 MW Seabrook Nuke Unit in New Hampshire for Inspections January 19

On January 19, FPL placed the unit in standby mode to begin investigating a suspected problem with equipment that transfers electricity from the facility to the New England power grid.

Bloomberg News, 13:05 January 21, 2008

Entergy's 1,207 MW Grand Gulf Nuke Unit 1 in Mississippi Reduced to 77 Percent January 22

According to the Nuclear Regulatory Commission, the unit was operating at full capacity on January 21. The unit was reduced after a loss of low-pressure feedwater heater.

Bloomberg News, 10:48 January 22, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Reliant's 246 MW Coolwater Station Aggregate Gas-fired Unit 4 in California Running at Reduced Rates January 21

According to the California Independent System Operator, the unit experienced an unplanned curtailment of 126 MW on January 21.

<http://www.caiso.com/unitstatus/data/unitstatus200801211515.html>

Luminant's 575 MW Big Brown Coal-fired Unit 2 in Texas Shut January 19

According to a filing with state regulators, the unit was shut to repair a boiler tube leak.

Reuters, 09:03 January 22, 2008

AEP's 675 MW Pirkey Coal-fired Unit in Texas Shut Due to Equipment Failure January 22, Expected Back Online Later Today

Reuters, 08:56 January 22, 2008

Update: TVA's 1,118 MW Browns Ferry Nuke Unit 3 in Alabama Ramped Up to 80 Percent January 22

According to the Nuclear Regulatory Commission, the unit was operating at 12 percent on January 21. The unit shut December 31 due to a main generator load reject signal.

Reuters, 07:45 January 22, 2008

Information also derived from NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: TVA's 1,150 MW Sequoyah Nuke Unit 1 in Tennessee Ramped Up to 100 Percent January 22

On January 16, the unit had been shut due to a problem with the steam generator feedwater system which caused the water level in the generator to drop.

Reuters, 07:49 January 22, 2008

Update: Exelon's 867 MW Dresden Nuke Unit 3 in Illinois Ramped Up to 97 Percent January 22

The unit was shut for work on a feedwater heater on January 9.

Reuters, 07:54 January 22, 2008

Update: Luminant's 545 MW Sandow Coal-fired Unit 4 in Texas to Restart January 22

The unit was shut to repair a boiler tube leak on January 19.

Reuters, 08:52 January 22, 2008

Petroleum

Fire at Kern Oil's 26,000 b/d Bakersfield, California Refinery January 21

The company reported a fire that disabled the flare stack for 15 minutes.

Bloomberg News, 13:48 January 20, 2008

Suspected Leak Shuts GFU at Valero's 260,000 b/d Port Arthur, Texas Refinery January 18

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102626>

Flaring at Valero's 260,000 b/d Port Arthur, Texas Refinery January 20

According to a filing with state regulators, issues with debutanizer led to flaring for two hours.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102651>

Flaring at Total's 240,000 b/d Port Arthur, Texas Refinery January 19

According to a filing with state regulators, the debutanizer tower froze due to cold weather, resulting in flaring that lasted less than an hour.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102625>

Flaring at Valero's 190,200 b/d Delaware City, Delaware Refinery January 21

The refinery flared after water-supply lines clogged for about 20 minutes.

Bloomberg News, 6:43 January 21, 2008

HDS Unit at ConocoPhillips's 146,000 b/d Borger, Texas Refinery to Shut January 21

The hydro-desulphurising (HDS) unit will shut for five days to repair a leak on the heat exchangers. According to a company spokesman, the work will have minimal impact on production.

Reuters, 01:10 January 21, 2008

Bloomberg News, 11:06 January 22, 2008

Update: Main Processing Units at Valero's 275,000 b/d Aruba Refinery Operating at Planned Rates January 22

According to a company spokesman, the main units are running at planned rates and the refinery is moving toward planned rates.

Reuters, 11:19 January 22, 2008

Bloomberg News, 12:40 January 22, 2008

Update: PdVSA's 135,000 b/d El Palito Refinery Restarted January 21

Several units were taken offline after an electrical outage.

Reuters, 16:16 January 21, 2008

Natural Gas

SRU Shut at Keystone Gas Plant in Kermit, Texas January 19

According to a filing with state regulators, the SRU shut for 24 hours due to a blown fuse.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102630>

Valve Failure Leads to Process Upset and Production Impact at Amerada Hess's Seminole Gas Processing Plant in Texas January 19

According to a filing with state regulators, a valve failure led to the flaring and the shutting in of approximately 50 MMcf/d of production while repairs were made.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102633>

Flaring at 290 MMcf/d Waha Gas Plant in Pecos, Texas January 18

According to a filing with state regulators, a valve hung open due to freezing, which led to emergency flaring.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=102628>

Update: Williams Partners's 470 MMcf/d Ignacio Gas Processing Plant in Colorado Returned to Service January 18

The plant returned to service after a fire shut the plant on November 28, 2007.

<http://www.williamspl.com/News.htm>

Iroquois Gas Transmission Announces Open Season for MetroExpress Expansion Project in the U.S. Northeast

Iroquois plans to expand capacity on the existing mainline and to develop new laterals to deliver an additional 300,000 Dth/day through its greater New York City service area.

http://www.iroquois.com/new-Internet/igts/WhatsNew/newsMetEx_OS.asp

Other News

Magellen Midstream Opens New Biodiesel Blending and Storage Facility in Aurora, Colorado January 18

This facility is Magellan's 10th biodiesel distribution facility, with a storage capacity of 84,000 gallons.

http://www.downstreamtoday.com/News/Articles/200801/Magellan_Midstream_Opens_Biodiesel_Blend_8181.aspx

Energy Prices

U.S. Oil and Gas Prices			
January 22, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL			
West Texas Intermediate U.S. \$/Barrel	89.21	91.30	51.36
NATURAL GAS			
Henry Hub \$/Million Btu	8.42	8.45	7.20

Source: Reuters

Storm Knocks Out Power to 10,000 Customers in Tampa Bay, Florida January 20

http://www.sptimes.com/2008/01/21/Pasco/Severe_storms_cut_pow.shtml

Energy Secretary Bodman Sees Need for OPEC to Increase Crude Supplies U.S. Inventories Expected to Drop First Half of 2008

Reuters, 07:01 January 21, 2008

<http://www.platts.com/Oil/News/8478868.xml?p=Oil/News&sub=Oil>

Frozen Equipment Problem Shuts Compressor 3 at Stillman Compressor Station in Texas January 20

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102635>

SCOT Unit Shut at Alon's 67,000 b/d Big Spring Refinery in Texas January 19

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102629>

Update: Suncor's 118,000 b/d Sarnia, Ontario Refinery Still Not at Full Rates January 22

Bloomberg News, 11:53 January 22, 2008

Valves on Compressor Shut at West Waddell Compressor Station in Texas January 18

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102601>

Flaring, Valve Replaced at Lehman Compressor Station in Texas January 20

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=102649>

Hess Considers 512 MW Gas-fired Plant in Bayonne, New Jersey to Service New York

<http://www.platts.com/Natural%20Gas/News/6724232.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

Ingleside and San Patricio Ask FERC for Extension to Complete LNG Terminal in Texas

www.intelligencepress.com

Iowa Adds 337 MW for a Total of 1,273 MW Wind-Generating Capacity in 2007

<http://powermarketers.net/contentinc.net/newsreader.asp?ppa=8knpp%5E%5CifgkmmrZTmj%7D38%7Dbfen%5Fv>

NYPSC Authorizes Invergy's Proposed 112.5MW Wind Generating Facility in Sheldon, New York January 21

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=9607448

Maine Recommends TransCanada's 132 NW Kibby Wind Power Project January 21

http://pro.energycentral.com/professional/news/power/news_article.cfm?id=9607730

FERC Approves Duquesne Light's Request to Withdraw from PJM Interconnection

<http://www.post-gazette.com/pg/08017/850084-100.stm>

Utilities Use Distinctive Paint to Deter Copper Wire Thefts

<http://www.kptv.com/news/15099587/detail.html>

OPEC Reduces 2008 Production Forecast for Non-OPEC Producers citing Project Delays in Brazil, and Declining Production in the North Sea and Mexico

Bloomberg News, 11:40 January 22, 2008

Supplies Seen Adequate to Meet World Oil Demand Forecast of 118 Million b/d by 2030 – UAE Energy Minister

http://www.rigzone.com/news/article.asp?a_id=55541

Pemex Reopens Crude Export Terminals in Gulf of Mexico After Strong Winds and Heavy Rain Shut Facilities January 20

Bloomberg News, January 21, 2008

Brief Fire at Pemex's 169,000 b/d Lazaro Cardenas Refinery in Mexico January 20 – No Impact Seen on Production

Bloomberg News, 09:56 January 21, 2008

Update: Power Restored to Iraq's Kirkuk Oilfields after One-Week Outage January 21

Reuters, 09:15 January 21, 2008

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

Energy Assurance Daily provides a summary of public information concerning current energy issues. Published Monday through Friday to inform stakeholders of developments affecting energy systems, flows, and markets, it provides highlights of energy issues rather than a comprehensive coverage. *Energy Assurance Daily* is updated online Monday through Friday after 5:00 p.m. EST. For more information, visit the Infrastructure Security and Energy Restoration (ISER) website at:

<http://www.oe.netl.doe.gov/index.aspx>.

Please direct comments and questions to: ead@oe.netl.doe.gov